Industrial microcomputer flame sensor with universal signal output and self-checking

Abstract

A flame detection system utilizing microcomputer control of a unique self – checking signal interruption system for checking the status of the sensing tube by employing solid state switches and a balance beam shutter. The microcomputer uses a diode and a solid state relay circuit to generate a compatible signal output to a burner control.

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Additional References

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[&]quot;Electronic Flame Supervision", brochure of Pyronics, Inc. in Cleveland, Ohio.